News Release

Kanadevia
Technology for people and planet

Kanadevia Corporation
December 19, 2025

Hitachi Zosen Marine Engine to Invest in Facilities for Ammonia-Fueled Marine Engines
– Supporting a Variety of Next-Generation Fuel Engines –

Kanadevia Corporation announces that Hitachi Zosen Marine Engine Co., Ltd. (President: Toshiya Takenaka; Nagasu-machi, Tamana-gun, Kumamoto Prefecture; hereinafter "HZME"), our consolidated subsidiary and a joint venture with Imabari Shipbuilding Co., Ltd., has decided to make a facility investment at HZME's head office and works to prepare for production of marine engines fueled by ammonia.

In addition, HZME has been selected for the "FY2025 Zero-Emission Vessel Construction Promotion Project"*1 of the Ministry of the Environment and the Ministry of Land, Infrastructure, Transport and Tourism of Japan.

In July 2023, the International Maritime Organization (IMO) adopted a target of achieving net-zero greenhouse gas (GHG) emissions around 2050. Within the maritime cluster*2, R&D is progressing to convert ship fuels to new, lower-GHG alternatives such as LNG, methanol, and ammonia.

In addition to the LNG-fueled engines it has already handled, HZME invested in facilities in 2023 to enable production of methanol-fueled engines. Anticipating wider adoption of ammonia-fueled engines for vessels entering service from 2030 onward, HZME has now decided on this new facility investment.

HZME is a dual licensee of the world's two major marine-engine licensors—Everllence SE (Germany) and WinGD Ltd. (Switzerland)—and the ammonia fuel-supply equipment to be introduced this time conforms to the basic designs of both licensors. In addition to the fuel-supply equipment, HZME will install ammonia receiving and storage facilities, aiming to begin operations in FY2028.

The total investment is approximately JPY 2.5 billion, part of which will be covered by subsidies under "FY2025 Zero-Emission Vessel Construction Promotion Project", for which HZME applied in connection with production of ammonia-fueled engines.

Beyond the IMO's net-zero GHG target, in recent years cargo owners have increasingly emphasized decarbonization, heightening the importance of decarbonizing the maritime cluster across the supply chain. As a result, the newbuilding market has become more active.

HZME will continue to take on the challenge of building production systems and developing

technologies for the transition to new marine fuels, contributing proactively on the supply side of marine engines for the global shipping and shipbuilding industries.

*1 A program that supports development of production facilities for engines, fuel tanks, fuel-supply systems, etc. (hereinafter referred to as “related marine equipment”), as well as outfitting facilities (e.g., outfitting platforms) required to install such equipment on zero-emission vessels that use propulsion energy sources such as hydrogen, ammonia, LNG, methanol, or electric power (batteries). For engine production facilities, support is limited to those that will enable verification and development of ammonia-fueled engines going forward.

*2 An industrial cluster involving shipping, shipbuilding, and marine engineering.

The outline of this facility investment is as follows:

1. Implementing company: Hitachi Zosen Marine Engine Co., Ltd. (President: Toshiya Takenaka; Nagasu-machi, Tamana-gun, Kumamoto Prefecture; equity ratio: Kanadevia 65%, Imabari Shipbuilding 35%)
2. Investment amount: Approx. JPY 2.5 billion
3. Installation site: Hitachi Zosen Marine Engine Head Office and Works
4. Facilities to be introduced: Ammonia fuel-supply equipment; ammonia storage facilities, etc.
5. Scheduled completion: March 2028